

MineralBoost

HI-MAG

MAXIMISE

**your feed's
nutritional value
with accurate
minerals**

**The essential
mineral's within
MineralBoost G2
boosted with extra
magnesium**



MineralBoost G2 Hi-Mag is a rumen dispersible granule containing high quality calcium, magnesium and sodium.

MineralBoost G2 Hi-Mag has been specifically designed to overcome well known mineral deficiencies of supplementary feed and therefore maximise the nutritional value of your PKE, meal blends, silages and grain feeds – enabling you to turn good feed into great feed.

When added to an animal's diet, MineralBoost G2 Hi-Mag will maximise production and live weight gain whilst also safe guarding against metabolic disorders.

The rumen dispersible granule is a patented delivery technology designed to exhibit the benefits of a granule during mixing and freight (less dust, less segregation, less waste), while dispersing into super fine powder once inside the rumen – providing you with a very convenient method of adding macro nutrients to an animal's diet.

Technical Specifications

MineralBoost G2 Hi-Mag is made up of calcium, magnesium and sodium (salt).

To understand the macro mineral levels available to the cow, MineralBoost G2 is reported in elemental levels per 200gm dose rate to ascertain the makeup of the macro mineral portion of the product, which is as follows:

- **Calcium:** 42gms elemental level
- **Magnesium:** 20gms elemental level
- **Sodium (salt):** 11gms elemental level

CALCIUM

Calcimate in MineralBoost G2 is manufactured from high quality New Zealand limestone. Combine this with the industry's most stringent manufacturing and testing processes, ensures the outcome is a fine, high calcium supplement you can trust.

Calcium maximises milk production potential post-calving, boosts low calcium supplements such as PKE and maize silage for optimum assimilation, improves reproduction, strengthens the cows' immune system, counters the stress from cold weather and extreme activity (i.e. mating, calving) and enables younger stock to reach their growth potential.

MAGNESIUM

MineralBoost G2 contains high quality magnesium sourced out of Australia.

Magnesium is required for the production of hormones that are important for the absorption of calcium from the gut and the mobilisation of calcium from bones. Magnesium supplementation will reduce animal health problems and increase milk production. The magnesium requirement of the modern dairy cow has increased, partly due to increased use of nitrogen (N) and potassium (K) fertilisers and also due to an increase in cow genetic merit. All cows are to some extent deficient in magnesium in late pregnancy. Cows cannot access magnesium stored in the body and therefore it is best to be supplemented daily.

SODIUM

MineralBoost G2 contains quality New Zealand made sodium. Dairy cows routinely expel Na from the body in urine, faeces, saliva and milk which has to be replaced.

Salt is an essential element for animals, and may be one of the most cost effective methods of increasing milk production. Research has proven supplementing with sodium can give a significant production response when the dietary level is low. Sodium in some form should be available at all times all year round. Young animals in rapid growth require sodium for new tissue formation and if sodium is deficient, appetite is suppressed.

Dose

200gms per cow per day (based on 450kg animal)

It is not recommended to alter the dose rates of MineralBoost G2 products unless directed by a nutrition consultant.

Warning

Seek advice from your nutrition advisor before substantially altering ration componentry. Ensure MineralBoost G2 Hi-Mag is thoroughly blended throughout the ration before feeding. Do not feed MineralBoost G2 Hi-Mag four weeks before calving. Care should be taken in adlib feeding situations.

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“The fact MineralBoost is evenly rationed throughout the blended feed is impressive, really impressive. A very accurate approach to supplementing my cows and we will be using it again next season.”

- Royce and Shelleigh King, Paeroa

Note:

Dairy NZ recommends magnesium requirements for dairy cows post calving range from 15gms elemental up to 20gms elemental depending on breed and milk production.

Quality Assurance Guarantee

MineralBoost G2 is the only macro mineral product which is routinely tested for heavy metals, mineral content and degradation qualities. All MineralBoost G2 is traceable by batch number giving you complete peace of mind for you and your animals.

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For more information, contact the MineralBoost G2 team today on 0800 466 736 or visit www.mineralboost.co.nz